

# *ACTIVE NIGHT VISION SYSTEM WITH FULLY SYNCHRONIZED LIGHT SOURCE AND RECEIVER*

## **Abstract**

A method of operating an active night vision system includes generating a first oscillating signal (48). A trigger signal (43) is generated having a duty cycle (51) with a cycle start time (52) and a cycle end time (53). The cycle end time (53) is synchronized with a pulse end time (54) of the first oscillating signal (48). A light source (26) is operated in response to the duty cycle (51).